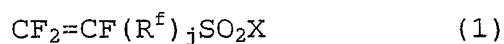


ABSTRACT OF THE DISCLOSURE

A solid polymer electrolyte material made of a copolymer comprising a repeating unit based on a fluoromonomer A which gives a polymer having an alicyclic structure in its main chain by radical polymerization, and a repeating unit based on a fluoromonomer B of the following formula (1):



wherein j is 0 or 1, X is a fluorine atom, a chlorine atom or OM {wherein M is a hydrogen atom, an alkali metal atom or a group of $\text{NR}^1\text{R}^2\text{R}^3\text{R}^4$ (wherein each of R^1 , R^2 , R^3 and R^4 which may be the same or different, is a hydrogen atom or a monovalent organic group)}, and R^f is a C_{1-20} polyfluoroalkylene group having a straight chain or branched structure which may contain ether oxygen atoms.